AUTODOC CLUB

How to change front brake discs on **Audi A3 8PA** – replacement guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:
AUDI A3 Hatchback (8P1) 1.6 E-Power, AUDI A3 Sportback (8PA) 1.6 E-Power, AUDI A3 Convertible (8P7) 1.4 TFSI, AUDI A3 Hatchback (8P1) 2.0 FSI, AUDI A3 Hatchback (8P1) 1.6, AUDI A3 Hatchback (8P1) 2.0 TDI 16V, AUDI A3 Hatchback (8P1) 1.9 TDI, AUDI A3 Hatchback (8P1) 2.0 TDI, AUDI A3 Hatchback (8P1) 3.2 V6 quattro, AUDI A3 Hatchback (8P1) 1.6 FSI, AUDI A3 Sportback (8PA) 1.6, AUDI A3 Sportback (8PA) 1.9 TDI, AUDI A3 Sportback (8PA) 1.6 FSI, AUDI A3 Sportback (8PA) 2.0 FSI, AUDI A3 Sportback (8PA) 3.2 V6 quattro, (+ 28)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DISCS – AUDI A3 8PA. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torx bit T30
- HEX bit No.H7.
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Brake caliper wind back tool
- Crow bar
- Wheel chock

BUY TOOLS

Replacement: brake discs – Audi A3 8PA. Tip:

- Replace the brake disks on the car Audi A3 8PA in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE DISCS – AUDI A3 8PA. USE THE FOLLOWING PROCEDURE:

1 Open the bonnet. Unscrew the brake fluid reservoir cap.



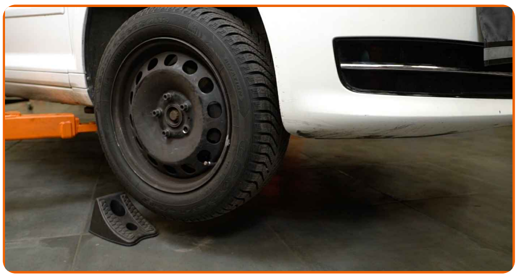
2 Secure the wheels with chocks.



3 Loosen the wheel mounting bolts. Use wheel impact socket #17.



4 Raise the front of the car and secure on supports.



5 Unscrew the wheel bolts.



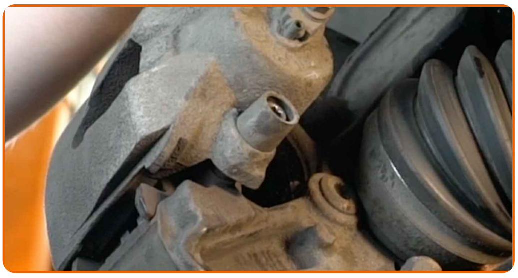
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. Audi A3 8PA

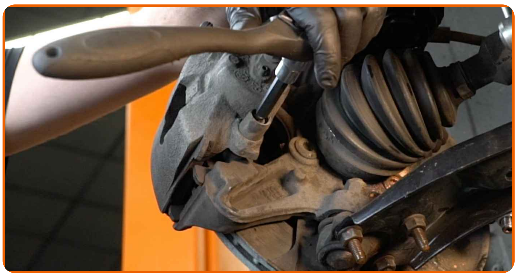
6 Remove the wheel.



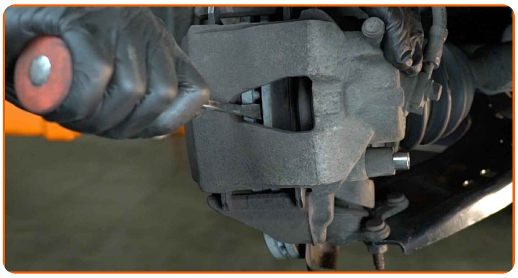
7 Remove the dust boot caps of the brake caliper guide pins. Use a crowbar.



8 Unscrew the brake caliper fastening. Use HEX No.H7. Use a ratchet wrench.



9 Spread the brake pads. Use a crowbar.



10 Remove the brake caliper.



Replacement: brake discs – Audi A3 8PA. AUTODOC experts recommend:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

11 Remove the brake pads. Use a crowbar.



12 Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.



13

Unscrew the brake disc fastening. Use Torx T30. Use a ratchet wrench.



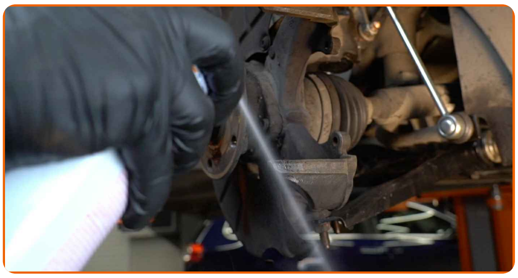
14

Remove the brake disc.



15

Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



Replacement: brake discs – Audi A3 8PA. AUTODOC recommends:

- After applying the spray, wait a few minutes.

16

Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



17 Install the brake disc.



18 Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 4 Nm torque.



19 Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake discs – Audi A3 8PA. After applying the spray, wait a few minutes.

20 Press in the brake caliper piston. Use brake caliper wind back tool.



21 Install the brake pads.



22 Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



23 Install the dust boot caps of the brake caliper guide pins.



24 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



25 Clean the brake disk surface. Use a brake cleaner.



Replacement: brake discs – Audi A3 8PA. Professionals recommend:

- After applying the spray, wait a few minutes.

26 Install the wheel.



Replacement: brake discs – Audi A3 8PA. Tip from AUTODOC experts:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

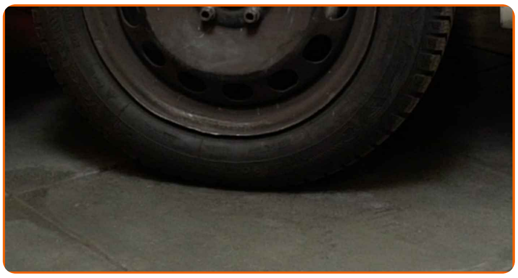
27 Screw in the wheel bolts. Use wheel impact socket #17.



28 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.



29 Remove the jacks and chocks.



AUTODOC recommends:

- Important! Replacement: brake discs – Audi A3 8PA. Check the brake fluid level in the reservoir and top up if necessary.

30 Tighten the brake fluid reservoir cap. Close the hood.



AUTODOC recommends:

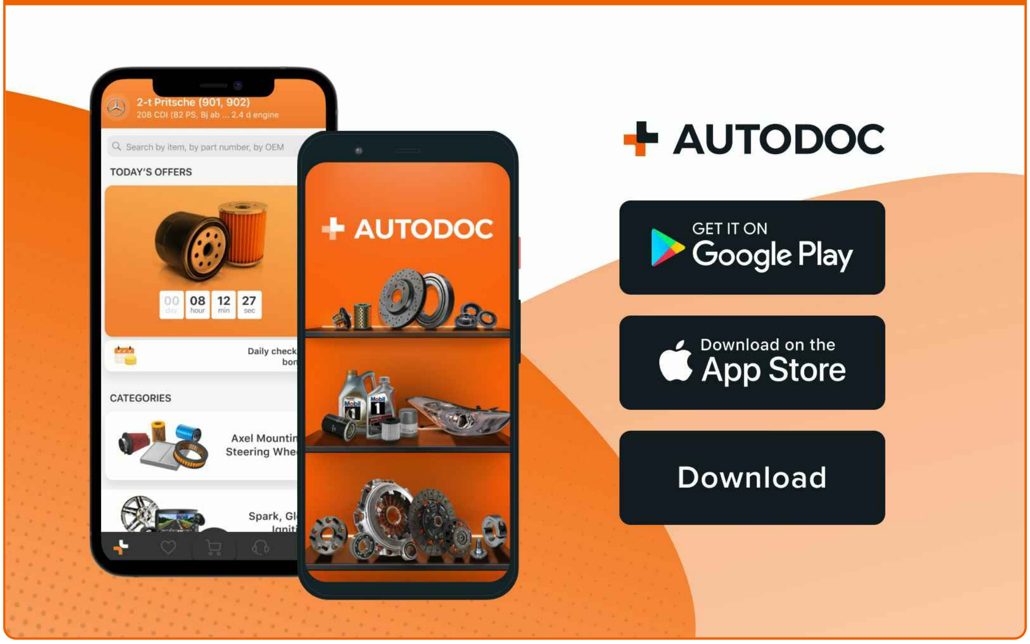
- Audi A3 8PA – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

WELL DONE!

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